

U. S. ENVIRONMENTAL PROTECTION AGENCY

POLLUTION REPORT

DATE: October 3, 1987

Region II
Response and Prevention Branch
Edison, New Jersey 08837

(201) 548-8730 - Commercial & FTS
24 Hour Emergency

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TAT

POLREP NO.: Twelve (12)
INCIDENT/SITE NO.: Arkansas Chemical Company/T9
POLLUTANT: Textile chemicals and intermediates
CLASSIFICATION: Major
SOURCE: Abandoned chemical facility
LOCATION: Newark, New Jersey
AMOUNT: 15,000 containers of various chemicals,
800-1200 drums, 5-10 mixing tanks/outdoor
tanks containing unknown chemicals
WATER BODY: None

1. SITUATION

A. The Arkansas Chemical Company produced textile and other specialty chemicals at its Newark facility until it was abandoned in 1983. Abandoned on this site are a two-story office/laboratory building (Bldgs. 25/30), a machine shop (Bldg. 26), a small chemical processing building (Bldg. 27), a large four-story chemical process building (Bldg. 28), a boiler room/tank houses (Bldgs. 16 & 16B), storage building (Bldg. 24), and two sheds. About 800-1200 drums and 15,000 small containers of chemicals exist in the buildings on-site. In addition, there are approximately 17 aboveground storage tanks and 70 process tanks and vessels containing unknown quantities of materials.

B. There are approximately fifty 55-gallon drums of

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benzyl chloride (corrosive, poison) located in Bldg. 28B that are in various stages of deterioration. Several of the drums are bulging.

2. ACTION TAKEN:

- A. ERCS has completed staging, sampling and logging of all drums and containers discovered in buildings S2, 26 27 and S1. They include
 - 1) 22 small containers in building S2,
 - 2) 26 drums in building 26,
 - 3) 11 drums in building 27 and
 - 4) 80 drums in building S1. (These drums were moved from S1 to the first floor of building 28 to prevent further weather damage).
- B. To date, the following work has been performed inside building 28:
 - 1) 884 full drums have been staged (31 previously unlogged drums were discovered on 10/02/87).
 - 2) 853 of these drums have been sampled.
 - 3) 853 of these drums have been logged.
 - 4) All empty drums have been temporarily staged near the elevator doors on their respective floors. The final staging and subsequent shredding will take place when the elevator becomes operational.
- C. ERCS continues vacuuming the aqueous material from the third and fourth floor of building 28. This is a continuous problem due to the severely damaged roof of this building.
- D. EPA/ERT and TAT/ERT continue to enter the 1900-55 data into the newly installed Removal Cost Management System (RCMS). RCMS will be used to track daily costs incurred throughout the removal action.
- E. The existing chain link fence behind buildings 16 and 24 has been repaired.

3. FUTURE PLANS AND RECOMMENDATIONS:

- A. ERCS' Health and Safety Officer will continue air monitoring and sampling.
- B. EPA/ERCS will complete their evaluation of subcontractor bids for the lab packing operation.
- C. EPA/TAT will continue with bid solicitation for the disposal of the empty drums.
- D. EPA/TAT will research subcontractors that have the ability to decontaminate the floors of the buildings on-site by using a high pressure water system.

- E. EPA will employ the consultative services of two former chemists/production managers of Arkansas Chemical Company during the lab packing operation.
- F. ERCS will wet and shovel asbestos containing waste from the third floor of building 28 into bags and fiber drums. This waste will remain in building 28 until proper disposal is scheduled.
- G. ERCS will begin segregating and removing contaminated and noncontaminated debris from buildings 25, 30 and 30A.
- H. EPA will continue to provide 24 hour site security.

4. FINANCIAL ACCOUNTING:

A. Total Project Ceiling Authorized	\$ 1,968,000
B. Mitigation Contract Ceiling	1,600,000
C. Expenditures for Mitigation Contracts	
1. a. Amount obligated to ERCS contractor for Delivery Order #6893-02-073 (DCNs KCS - 361, 629, 63, 710, 730) as of October 3, 1987	425,380
1. b. Estimated expenditures as of October 3, 1987	326,468
1. c. Balance Remaining	98,912
D. Unobligated Balance Remaining	\$ 1,174,620
E. Estimate of Total Expenditures to Date for All Mitigation Contracts	326,468
F. Other Extramural Costs as of October 3	
1. a. TAT Salary/Travel (estimated)	21,045
G. Intramural Costs as of October 3	
1. a. EPA Salary/Travel (estimated)	9,250
H. Total Expenditures	356,763
Percent of Total Project Ceiling	18.1%
Percent of \$2 Million	17.8%

FINAL POLREP _____ FURTHER POLREPS FORTHCOMING ☒ SUBMITTED BY: Mark P. Pane
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 Response and
 Prevention Branch

DATE RELEASED: OCTOBER 7, 1987